

# PDR RID Report

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**Document** Analysis

<b>RID ID</b> PDR 78
<b>Review</b> FOS
<b>Originator Ref</b>
<b>Priority</b> 2

**Section** Telemetry Decom

**Page** N/A

**Figure Table** AN -29

**Category Name** Design

**Actionee** HAIS

**Sub Category**

**Subject** Use of S/C commands during analysis.

## **Description of Problem or Suggestion:**

Interpretation of some telemetry is dependent on S/C commands which define the content of the telemetry.

Example:

Software logging function - Content of log is deined by command.

Memory Monitor - Memory locations selected by command.

## **Originator's Recommendation**

Provide command history to the Analysis Function.

## **GSFC Response by:**

**GSFC Response Date**

**HAIS Response by:** D. Herring

**HAIS Schedule** 1/13/95

**HAIS R. E.** J. Kuntz

**HAIS Response Date** 1/24/95

It is agreed that the use of commands in analysis is a function which would aid the FOT analysts in interpreting the behavior of many telemetry parameters.

The current FOS design does provide a mechanism which would allow access to the command history for use during analysis functions. All commands uplinked during a real-time contact are archived in the command event log archive. All stored commands scheduled to execute are documented and archived in the corresponding ground script. The FOT would simply request a delog of the appropriate command event log and/or retrieval of a specified ground script (ref. FOS Requirements Specification for the ECS Project, sections 9.1.5.4 and 9.1.10). These data sources could then be used in conjunction with other analysis products for analytical purposes.

In addition to this response, please refer to the response to RID 18. RID 18 suggests the overlay of commands on graphs generated by the FOS User Interface.

**Status** **Closed**

**Date Closed** **2/1/95**

**Sponsor** **Johns**

\*\*\*\*\* **Attachment if any** \*\*\*\*\*